RK20075-01

Complete Seal Service Kit For All 200 Series Filters

Instruction Part Number 12935 Rev A



This is a complete seal service kit for all 200 Series Fuel Filter/Water Separators.

Please have these customer supplied items on hand before starting installation:

- Straight slot screwdriver
- Sharp knife
- Shop towels
- Clean motor oil or diesel fuel
- 1/2” standard socket
- Clean solvent for washing parts

Note: keep installation away from open flame.

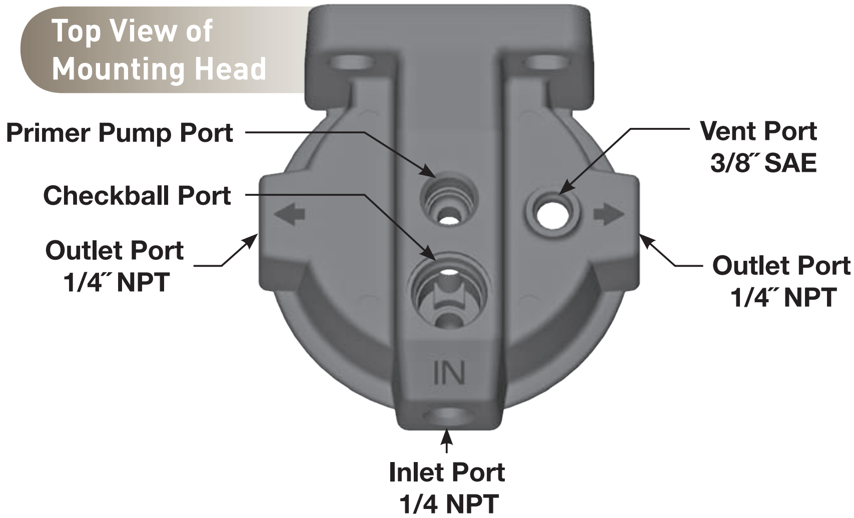


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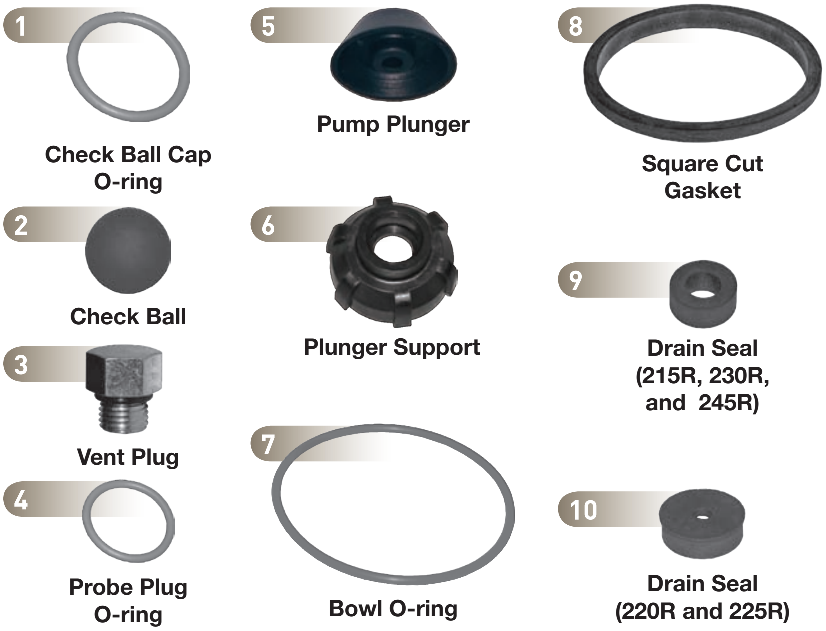
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Complete Kit Includes



1	Check Ball Cap O-ring (all models)
2	Check Ball (all models)
3	Vent Plug (all models)
4	Probe Plug O-ring (all models)
5	Pump Plunger (all models)
6	Plunger Support (all models)
7	Bowl O-ring (all models)
8	Square Cut Gasket (all models)
9	Drain Seal (215R, 230R, and 245R)
10	Drain Seal (220R and 225R)

To Install The Vent Plug

1. Lubricate new vent plug o-ring with clean motor oil or diesel fuel.
2. Thread into vent port tighten snugly.



Disassemble Primer Pump

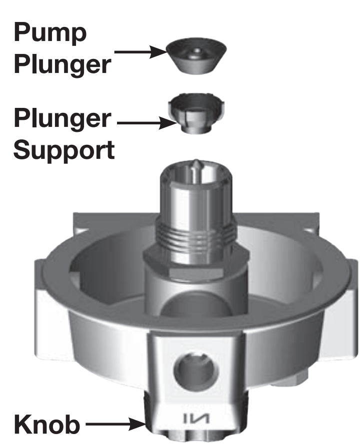
1. Drain filter assembly.
2. Remove spin-on filter and bowl from mounting head, discard old bowl and filter gaskets dispose properly.
3. If possible, un-mount head for ease of service.
4. Remove existing pump plunger and plunger support ring. (see image below).

Note: Be careful not to nick or damage other component surfaces.

5. Remove existing pump knob and shaft.
6. Using a straight slot screwdriver, remove existing checkball cap from port.
7. Remove existing checkball and dispose properly.
6. Clean entire head and primer pump area free of dirt and debris. Ideally, the head should be cleaned in a solvent bath and dried.

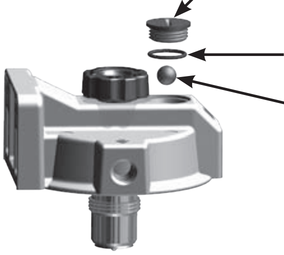
Re-assemble Primer Pump

1. Guide primer knob shaft into pump port.
2. Tighten primer knob snugly (hand tight only -do not use tools).
3. Turn head over then drop plunger support onto primer knob shaft with cup facing upward.
4. Apply a coating of clean oil or diesel fuel to pump plunger.
5. Press pump plunger onto primer knob shaft with cup facing upwards until it snaps into place behind pump knob shaft retaining edge as shown.
6. Remount head, if applicable.



Assemble Checkball and Checkball Cap

1. Drop new check ball into checkball port where shown.
2. Remove checkball cap o-ring and dispose properly.
2. Lubricate new check ball cap o-ring with clean motor oil or diesel fuel and slide over checkball cap threads.
3. Thread check ball cap into same port as check-ball using a straight slot screwdriver tighten snugly.
4. Wipe excess lubrication from mounting head.



Installing The Square Cut Gasket

1. Lubricate new square cut gasket with clean motor oil or diesel fuel and place into gasket grove on new filter.
2. Spin filter onto head and tighten snugly by hand only - do not use tools.



Installing Bowl O-ring

1. Lubricate new bowl o-ring with clean motor oil or diesel fuel and slide over threads place into o-ring grove on bowl.
2. Thread onto bottom of filter and tighten snugly by hand only - do not use tools.



Installing Plug O-ring

1. Lubricate new probe plug o-ring with clean motor oil or diesel fuel and slide over threads untill it bottoms on plug.
2. Thread into probe port on bowl and tighten snugly.



Assemble 215R, 230R, and 245R Drain Seal

1. Remove old drain seal by carefully cutting through seal without scarring drain knob surface.
2. Install new seal by pushing it until seated into place. (Note: this kit includes a new seal).

Prime filter assembly using the priming instructions below.



Assemble 220R and 225R Drain Seal

The seal seats onto the knob so it easily pops right off and on. (Note: this kit includes a new seal).

Prime filter assembly using the priming instructions below.



Priming Instructions

1. Remove vent plug.
2. Unthread priming pump knob on top of mounting head.
3. Slowly pull priming pump knob up and then push it down in a smooth motion.
4. Continue pumping until fuel starts to spill out of vent plug port.
5. Thread priming pump knob back into mounting head.
6. Install vent plug snugly.
7. Wipe up any spilled fuel.
8. Start engine, check for leaks and correct as necessary with engine off.

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